



**FIG. 6**

```
method_info *query_method_info_by_IP(void* ip)
{
    int bit_index = map_address_to_bit_index(A);
    if (bit_index is invalid)
        return NULL;
    bit_index = alloc_bits.last_set_bit_from(bit_index);
    void* code_addr = map_bit_index_to_address(bit_index);
    code_info *ci = (code_info*)code_addr;
    method_info* mi = ci->mi;
}
```

**FIG. 7**